

KONSKIY, D. Prinimali uchebniye: VOLKOV, V.; VOLCHKOV, V.;  
GORSHKOV, A. KOPTIKOV, Ye.; SALOV, V.; SHORIKOVA, T.;  
STOLYAROV, Yu., red.

[Cybernetics made easy] Prostaya kibernetika. Moskva,  
Molodaya gvardiya, 1965. 158 p. (MIRA 18:7)

1. Sverdlovskiy gosudarstvennyy pedagogicheskiy institut  
(for all except Stolyarov).

3/076/62/036/007/006/010  
B101/B138

AUTHORS: Chernyayev, V. N., Krapukhin, V. V., and Stolyarov, Yu. I.

TITLE: Phase equilibria in the system  $\text{SiCl}_4$  -  $\text{SbCl}_3$  at low antimony trichloride concentrations

PUBLICATION: Zhurnal fizicheskoy khimii, v. 36, no. 7, 1962, 1521 - 1524

TEXT: The behavior of  $\text{SbCl}_3$  was studied as impurity in  $\text{SiCl}_4$ . The solubility of  $\text{SbCl}_3$  (at concentrations of 0.24 - 1.87 mole%) in  $\text{SiCl}_4$  was determined at 0 - 118°C, and the phase equilibrium according to V. A. Kirayev, Yu. N. Sheynker, Ye. M. Peresleni (Zh. fiz. khimii, 352, 1952). High-purity substances were used.  $\text{SiCl}_4$  contained the following impurities (% by weight): Fe, Al, Ca, Mn, Mg, and Cu  $< 1 \cdot 10^{-7}$ ; P, Sn, and V  $< 1 \cdot 10^{-6}$ ; S  $< 1 \cdot 10^{-5}$ ;  $\text{SbCl}_3$  contained less than  $1 \cdot 10^{-4}$ % by weight of Fe.

RESULTS: (1) The heat of solution  $\Delta H_{\text{sol}}$  of  $\text{SbCl}_3$  in  $\text{SiCl}_4$  was 8.4 kcal/mole·deg. (2) The activity coefficient  $f_2$  of  $\text{SbCl}_3$  obeys the equation  $\log f_2 = -(cH_{\text{sol}} - \Delta H^\circ)/RT + (\Delta H_{\text{sol}} - \Delta H^\circ)/RT^\circ$ , where  $\Delta H^\circ$  is the

DZALAYEV, M.I., inzhener; STOLYAROV, Yu.K., inzhener.

Self-regulation of reduction and cooling installations. Elek.sta.  
25 no.12:17-18 D '54. (MLRA 7:12)  
(Steam turbines)

STORYARKE, VI 47

1913] *Journal of the Royal Microscopical Society* 33: 191-192

First Station, The, 1880-1881

2

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653410006-5"

STOYANOV, I.M.

Actinolite and pyroxene in the pyrrhotite deposits of the Urals in relation  
to their genesis. Geol. i zt. mestorozh. ? no.2:107-113 Mr-Ap '65.  
(MIRA 18:7)

1. Novocherkasskiy politekhnicheskiy institut, kafedra mestorozhdeniy  
poleznykh iskopayemykh geologo-geologicheskogo fakul'teta.

UDC 543.22.2.2.2.2

Hypogene anhydrite in the Alekseevskoye copper ore deposit in  
the Central Ural Mountains. Dokl. AM SSSR 155 no. 5:1(85-10e7)  
Ap. '64. (URA 17:5)

1. Predstavleno akademikom D.S.Korzhinskim.

STOLYAROV, Yu.V.

Anhydrite and gypsum in the pyritic deposits of the Urals.  
Dokl. AN SSSR 161 no.4:940-943 Ap '65. (MIRA 1815)

1. Novocherkasskiy politekhnicheskiy institut. Submitted December 19,  
1964.

STOLYAROV, Yu.N., starshiy leytenant meditsinskoy sluzhby

Epithelial cysts and ducts in the coccyx region. Sbor.nauch.  
trud.Kiev.okruzh.voen.gosp. no.4:98-100 '62. (MIRA 16:5)  
(CYSTS) (SACROOCOCYGEAL REGION--TUMORS)

STOLYAROV, Yu.S.

Present stage of the extracurricular work on technology. Fiz.v  
shkole 21 no.3:33-38 My-Je '61. (MIRA 14:8)

1. Predsedatel' sektsii tekhnicheskogo tvorchestva TSentral'nogo  
soveta Vsesoyuznoy pionerskoy organizatsii imeni V.I.Lenina.  
(Technical education) (Models and modelmaking)

STOLYARKOV, Yu.S., red.; LYASNIKOV, I., tekhn. red.

[Young modelmaker] IUnyi modelist-konstruktor. Moskva, Molodaiia gvardiia, 1963. 63 p. (MIRA 16:7)  
(Engineering models) (Electronic control)

STOLYAROV, Yuriy Stepanovich; KONYUSHENKO, I.A., red.; MUKHINA, Ye.S.,  
tekhn. red.

[Automation and remote control in the work of young technologists]  
Avtomatika i telemekhanika v tvorchestve iunykh tekhnikov. Moskva,  
Izd-vo DOSAAF, 1962. 105 p. (MIRA 16:1)  
(Automation) (Remote control)

CHUMAKOV, Yu.I., STOLYAROV, Z.Ye.; SHAPOROVA, Yu.P.

*n*-Acetoxyalkyl pyridines. Metod poluch.khim.reak. i prepar.  
no.7:61-65 '63. (MIRA 17:4)

1. Kiyevskiy politekhnicheskiy institut.

CHUMAKOV, Yu.I.; SPOLOVICH, Z.I.e.

2-Hydroxymethylpyridines. Metod, poluch., khim.reak. i prepr. 1969, 7: 65-69 '63.

Diacetoxymethylpyridines. Ibid., 69-72

2-Pyridinealdehyde. Ibid., 72-74. (MIRA 17:4)

1. Kiyevskiy politekhnicheskiy institut.

L h3761-66

CAT(m)/1/5AP(j)

LIP(c) 15/15

15/15

SOURCE CODE: UR/0413/66/000/015/0090/0090

ACC NRI AP6029929

INVENTOR: Chumakov, Yu. I.; Stolyarov, Z. Ye.; Shapovalova, I. S. P.; Novikova, V. F. 45

ORG: none

TITLE: Preparative method for a [semiconducting] polymer. Class 39, No. 184455 15 B

SOURCE: Izobret prom obraz tov zn, no. 15, 1966, 90

TOPIC TAGS: organic semiconductor, semiconducting polymer

ABSTRACT: An Author Certificate has been issued for a preparative method for a semi-conducting polymer, involving homopolycondensation of 2-methyl-6-pyridinaldehyde under pressure [unspecified] in the presence of acetic anhydride or zinc chloride at 200°C. [SM]

SUB CODE: 07, 11/ SUBM DATE: 16Nov64/ AFB PCers: 5048

UDC: 678.6:547.824

Card 1/1 A/11

OLSUF'YEV, N.G.; YEMEL'YANOVA, O.S.; UGLOVOY, G.P.; SIL'CHENKO, V.S.; KHORGHEV, I.G.; YEZHNOVA, Ye.N.; BESSONOVA, M.A.; VEDENEYEVA, Ye. V.; AMF'YEV, S.S.; SHELAHOVA, G.M.; SOKINA, A.M.; BORODIN, V.P.; KOHOLEVA, A.P.; SUVOROVA, A.Ye.; ONIKHINOVSKAYA, V.A.; STOLYAROVA, A.D.; BYSTROVA, K.A.; RUPINA, R.F.; MYASHNIKOV, Yu.A.; LEVACHEVA, Z.A.; YEGIAZARYAN, K.K.; RAVDONIKAS, O.V.; SATYANEV, A.P.

Optimal periods for testing skin reaction in subjects inoculated against tularemia with a dry live vaccine and vaccinal, reactogenic and immunogenic properties of this preparation. Zhur. mikrobiol. opid. i immun. 32 no.6:92-98 Je '61. (MIRA 15:5)

1. Iz otdela prirodnichagovykh infektsiy Insti'uta epidemiologii i mikrobiologii imeni Gamlej A.I. SSSR, otdelov Osobo opasnykh infektsiy Voronezhskoy, Leningradskoy, Moskovskoy, Smolenskoy, Stalingradskoy, Tambovskoy, Tul'skoy, oblastnykh sanitarno-epidemiologicheskikh stantsiy i Omskogo instituta epidemiologii, mikrobiologii i gigiyny.

(TULAREMIA) (VACCINES)

USSR/Chemical Technology. Chemical Products and Their Application -- Treatment of natural gases and petroleum. Motor fuels. Lubricants, I-13

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 5529

Author: Stolyarova, A. F.

Institution: None

Title: Extraction of Kerosene in AVT

Original Publication: Neftyanik, 1956, No 4, 4-6

Abstract: A diagram and description are given of the operation of a continuous extraction of kerosene, directly in an atmospheric-vacuum tubular unit (AVT). Change-over from intermittent extraction of kerosene in the mixers of the purification shop, to a continuous extraction, directly in the AVT, has made it possible to improve the economic indices of the purification, increase the life of equipment, ameliorate labor hygiene and reduce fire hazards.

Card 1/1

STOLYAROVA, A.G., kand.veterinarnykh nauk

Testing the effect of <sup>Trichodesma</sup> incana seeds on rabbits, guinea pigs, and pigeons; pathologicoanatomical study. Trudy Us.nauch.-issl.inst.vet. 14:231-237 '61. (MIRA 16:2)  
(Trichodesma—Toxicology)

PERGAT, F.P.; STOLYAROVA, A.G.

Clinical and pathologicoanatomical changes in horses after  
poisoning with dodder. Trudy Uz.nauch.-issl.inst.vet. 14:239-  
247 '61. (MIRA 16:2)

(Uzbekistan—Dodder—Toxicology)  
(Uzbekistan—Horses—Diseases and pests)

DIMANT, I.N.; ARDURASHOV, B.M.; STOLYAROV, A.G.; LOKTIOEV, G.M.; SATAEV, M.M.

Reactive processes in the brain during chronic local irradiation.  
Arkh.anat.gist. i embr. 48 no.3:84-90 Mr '65.

(MIRA 18:6)

I. Otdel eksperimental'noy onkologii (zav. - starshiy nauchnyy  
sotrudnik I.N.Dimant) Nauchno-issledovatel'skogo instituta  
rentgenologii, radiologii i onkologii Ministerstva zdravookhraneniya  
Uzbekskoy SSR, Tashkent.

31.07.1961, 41  
DANILOVA, M.K.; IVANOVA, N.M.; KALININ, T.V.; PERELYGINA, L.I.; SALMANOVA,  
Ye.S.; SHKOL'NIK, Ye.I.; SHLEYFMAN, Kh.I.; STOLYAROVA, A.I., red.;  
SERALZSKAYA, P.G., tekhn.rei.

[Economy of Voronezh Province; a statistical manual] Merodnoe  
khoziaistvo Voronezhskoi oblasti; statisticheskii sbornik, [Voronezh]  
Voronezhskoe knizhnoe izd-vo, 1957. 139 p. (MIRA 11:3)

1. Voronezh (Province). Statisticheskoye upravleniye. 2. Statisti-  
cheskoye upravleniye Voronezhskoy oblasti (for all, except Stolyarova,  
Seredzskaya). 3. Nachal'nik Statisticheskogo upravlen'ya (for  
Stolyarova)  
(Voronezh Province--Statistics)

LIPIAKOV, I.P. (and, technically, POLYAKOV, A.I.) - 1958.

Reduced resistance of coiled cylindrical springs  
made of 1000H17 steel. Metalized. 1 term. obr. mat.  
no. 12 M-36 N-161. (GTR-14-12)  
(Spring (B-10 item)  
Stress and stresses)

5(3)

907/75-14-3-15/29

AUTHORS: Rozova, M. I., Stolyarova, F. N.

TITLE: Analysis of Nitroparaffins by Using the Chromatographic Method (Analiz nitroparafinov s primeneniem khromatograficheskogo metoda)

PERIODICAL: Zhurnal analiticheskoy khimii, 1959, Vol 14, Nr 3, pp 343-346 (USSR)

ABSTRACT: Nitroparaffins with different length of the carbon chain ( $C_1$  -  $C_3$ ) are reduced to amines. The total content of amines is determined titrimetrically. Afterwards the amines are chromatographically separated on starch, and annealed calcium oxide, eluted with butanol or a mixture of butanol with benzine and determined titrimetrically. A separation of 1- and 2-nitropropane is not possible by chromatography as their distribution coefficients are nearly identical. 2-nitropropane, however, can be analyzed photometrically. Table 3 presents the examples of an analysis. The relative error is  $\pm 5$  - 7%. There are 3 tables and 22 references, 6 of which are Soviet, and 1 Czechoslovakian.

Card 1/2

Analysis of Nitroparaffins by Using the Chromatographic Method  
ASSOCIATION: Gosudarstvennyy institut prikladnoy khimii, Leningrad  
(State Institute of Applied Chemistry, Leningrad)  
SUBMITTED: December 24, 1957

SOV/75-14-3-15/2)

Card 2/2

ice in the strait to be prevented -----  
the basis of these factors. Abstractor's note: Complete transla-  
tion.

Card 1/1

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653410006-5"

Stolyarova, (S-1)

6

12379. (Person) Schubert, J. (Person) Lestev, and (Person) in  
Chloride Metho and Sulfur and Fluorine. Rastvorenie theles  
v rasplavlennykh smesakh kloridov litia i kalia, matrica  
i kalia. V. P. Kuchergin, khd. G. I. Stolyarova. Zhurnal  
Priborostroyeniya, N 2, 1961, p. 5. Moscow, 1961.

Experiment of the dissolution of solid bodies of benzene and  
chloroform in a melt of lithium and potassium chlorides.

BM

✓ The solubility of iron in fused mixtures of lithium, potassium, sodium, and potassium, 7  
hydrogen and G. L. Sauerhoff, J. Appl. Chem. U.S.S.R., 2  
32, 79 (1952) (U.S. translation). See C.A. 46, 1632A. 2  
R. M. P.

Mark

21(1)

AUTHORS:

Turanyan, V. A., Sharkov, V. A., Stolyarova, T. S. SOV/lo-122-2-17/12

TITLE:

Allowance for Pseudotritrident Process in Estimating the Cross Section for the Direct Formation of Electron-Positron Pairs by Electrons (Uchet psevdotritynykh protsessov pri otseinke secheniya neposredstvennoe obrazovaniya elektronno-positronnykh par elektronami)

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 122, Nr 2, pp 209-210 (USSR)

ABSTRACT:

In the determination of the cross section of the immediate production of electron-positron pairs by high-energy electrons ("trident" (troynik)) it is essential to know the number of the so-called "pseudotridents" produced on a given length of the electron track. These "pseudotridents" are produced by the conversion of the  $\gamma$ -quanta of the bremsstrahlung of the electron in the immediate neighborhood of its track. The authors calculated the number of the "pseudotridents" according to the Monte-Carlo (Monte Karlo) method. These calculations were carried out for nuclear emulsions for the following 3 initial energies of the electrons:

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SOV/26-102-1-12/42

**Allowance for Pseudotritrident Processes in Estimating the Cross  
Section for the Direct Formation of Electron-Position Pairs by Electrons**

$10^{10}$ ,  $10^{11}$ ,  $10^{12}$  eV. According to the results of these calculations, the number of the "pseudotridridents" depends slightly on the criteria mentioned by the authors. The results of this paper are then compared with those obtained by other authors. It is interesting to estimate the number of the immediate pair-productions by electrons on the basis of the number of the "pseudotridridents". The results of this estimation are given in a table. Finally, the authors in some lines report on the results of other papers. They thank Professor I. I. Gurevich for his interest in this paper, B. A. Nikol'skiy for useful advice, and A. P. Sobolev for his help in the calculations. There are 2 figures, 2 tables, and 9 references, 5 of which are Soviet.

PRESENTED: May 15, 1958, by L. A. Artsimovich, Academician

SUBMITTED: February 5, 1958

Card 2/2

VIENNA, U.S.S.R.

"DIRECT PRODUCTION OF ELECTRON-POSITRON PAIRS BY HIGH ENERGY ELECTRONS"  
G.S. Stolyarova, V.A. Tymanyan, S.A. Chuyeva, A.A. Varfolomeyev, R.I. Gerasimova,  
L.A. Makaryina, Ap.P. Mishakova, A.S. Romantseva,

The cross-section of direct production of electron-positron pairs by high energy electrons was measured experimentally. For this purpose, a study was made of isolated electron-photon cascades and the photon component of high energy nuclear interactions in emulsion stacks exposed to radiation in the stratosphere. In order to exclude spurious cases of direct pair production, which constitute the main difficulty in experimental measurement of the cross-section of such pairs, the calculation was carried out by the Monte Carlo method.

The calculation was made for three values of primary electron energy: 10, 100 and 1,000 Pev, taking into consideration two possible variants of the Bremsstrahlung spectrum: Bethe-Heitler and Migdal variants (Landau-Pomeranchuk and Ter-Mikaelyan effects). A method for determining the energy of ultra-relativistic electrons from the lateral distribution of the apexes of electron-positron pairs is suggested.

During the experimental measurement of very high electron energies, certain possible sources of underestimation were eliminated.

The cross-section of direct pair production by high energy electrons was found to be in agreement with Bhabha's calculation within the limits of experimental error.

report presented at the International Cosmic Ray Conference, Moscow 6-11 July 1959

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S/027/002/000/026/027  
D292/B304

3-2410

AUTHORS: Tumanyan, V. A., Stolyarova, G. S., and Mishakova, A. P.

TITLE: Direct creation of electron-positron pairs by high-energy electrons

SOURCE: International Conference on Cosmic Radiation. Moscow, 1969. Trudy, v. 2. Shirokiye atmosfernyye livni i kashidnyye protsessy, 114-319

TEXT: A modified version of the Monte Carlo method is proposed, yielding several new results. In particular, the absolute number of so-called "false triplets" is computed, as well as the cross-section for direct pair creation. The computations were carried out for electrons of 3 initial energies:  $10^{10}$ ,  $10^{11}$  and  $10^{12}$  ev. It was assumed that an electron of given initial energy appears at the point  $x=y=z=0$ , in the direction of the x-axis, penetrating to a depth  $z$  of up to 4.0 m. Two types of bremsstrahlung spectra were considered in the computations which are based on Migdal's formula. K

Part 1/3

Direct creation of ...

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D297/D304

mean-free path of triplet formation on electron energy is shown in a figure, where the results of other investigators are also plotted (for comparison). From the figure it is evident that all the results are in complete agreement with the theory of T. Murota et al. (Ref. 20: Progr. Theor. Phys., '6, 482, 1956). Hence the conclusion that the available experimental results on direct pair creation by high-energy electrons do not contradict the predictions of quantum electrodynamics up to primary-electron energies of 100 Bev. There are 4 figures and 20 references: 5 Soviet-block and 15 non-Soviet-block. The 4 most recent references to the English-language publications read as follows: H. Fay. Nuovo Cim., 5, 293, 1957; M. Koshiba, M. F. Kipien. Phys. Rev., '00, 327, 1955; F. J. Loeffler. Phys. Rev., '08, 1038, 1957; S. L. Leonard. Bull. Amer. Phys. Soc., I, 47, 1956.

Card 3/3

21(7)

SOV/56-37-2-5/56

AUTHORS:

Tumanyan, V. A., Stolyarova, G. S., Mishakova, A. P.

TITLE:

On the Problem of the Direct Electron-Positron Pair Formation by Electrons of High Energy

PERIODICAL:

Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1959,  
Vol 37, Nr 2(8), pp 355-365 (USSR)

ABSTRACT:

The direct pair formation cross section for electron energies of 0.5 - 100 Bev has already been investigated several times (Refs 1-13); the results differ considerably. The main experimental difficulty is the necessary elimination of "false triplets" (pair formation caused by the conversion of a  $\gamma$ -quantum of the bremsstrahlung of an electron immediately after its production). Methods of evaluating that fraction are discussed; the most favorable theoretical treatment of this problem is that by the Monte Carlo method. Also in the present paper this problem is investigated by means of an improved variant of the Monte Carlo method. The fundamentals of the calculation of the absolute number of false triplets for the primary electron energies  $10^{10}$ ,  $10^{11}$  and  $10^{12}$  ev are given; the experimental data

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On the Problem of the Direct Electron-positron Pair Formation by Electrons of High Energy

SOV/56-37-2-5/56

(bremsstrahlung cross section and all cross sections of elementary processes) entering into these calculations were obtained from the nuclear emulsions NIKFI-R and Ilford G-5. Determination of the distance at which the bremsstrahlung quantum transforms into a pair from the primary electron  $\zeta$  differs.

$\zeta = \sqrt{\Delta y^2 + \Delta z^2}$  is between 0.2 and  $0.44 \mu$  (Refs 1,4,5). This criterium is to be unified:  $\Delta y \leq 0.2 \mu$ ;  $\Delta z \leq 0.44 \mu$ , but also for 0.3 and  $0.66 \mu$  results are given. The diagram (Fig 2) shows the dependence of the average number of false triplets  $\bar{n}$  on the distance to the primary electron; the values are compared with the curves obtained by Weil as well as with those obtained according to the spectra of Bethe-Heitler and Migdal (Ref 17). Figure 2 shows the dependence of  $\bar{n}$  on electron energy (again compared with Bethe-Heitler and Migdal). Agreement is satisfactory. Further, the differential transversal distribution of pairs, the integral energy spectrum of the primary electrons (after passage of a unit of length - figure 5), the differential energy spectrum of the electron-positron pairs (comparison with

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S07/56-37-2-5/56

## On the Problem of the Direct Electron-positron Pair Formation by Electrons of High Energy

Bethe-Heitler and Migdal - figure 6); figure 7 shows the dependence of the average distance of the pairs on the axis and of  $\bar{n}$  on the electron energy. The results obtained are discussed in detail. The type of bremsstrahlung spectrum described by the Migdal formulas also takes the Landau-Pomeranchuk and the Ter-Mikayelyan-effect into account. The possibility is shown of measuring the energy of the fast electrons by determining the energy dependence of the mean transverse distance between the vertices of the electron-positron pairs produced by bremsstrahlung  $\gamma$ -quanta. In the last part of this paper experimental results are finally discussed, and it is shown that the cross section of direct pair production calculated by Bhattacharya agrees well with experimental results. The authors finally thank Professor I. I. Gurevich for his interest and discussion, as well as Professors A. I. Alikhanyan, K. A. Ter-Martirosyan and M. L. Ter-Mikayelyan, and A. A. Varfolomeyev and B. A. Nikol'skiy for their advice, and V. A. Zharkov for his assistance. There are 7 figures and 22 references, 8 of which are Soviet.

SUBMITTED: February 21, 1959  
Card 3/3

RECORDED AND INDEXED BY TELETYPE  
MAY 21, 1968.

RECORDED AND INDEXED BY TELETYPE  
MAY 21, 1968.

RECORDED AND INDEXED BY TELETYPE  
MAY 21, 1968.

DUBOV, A.S.; STOLYAROVA, O.V.

Hydrodynamic methods of temperature forecasting. Trudy GDO  
no.76:30-39 '58. (MIHA 11:11)  
(Atmospheric temperature)

MORACHEVSKIY, Yu.; STOLYAROV, K.P.; STOLYAROVA, I.A.

New data on the use of ultraviolet rays in qualitative micro-  
chemical analysis and quantitative colorimetric analysis. Vest.  
LGU 8 no.5:113-122 My '53. (MIRA 12:7)  
(Ultraviolet rays) (Chemistry, Analytic--Qualitative)  
(Colorimetry)

SHOLYAKH, I. A.

Chemical Abst.  
Vol. 48 No. 4  
Feb. 25, 1954  
Analytical Chemistry

Use of ultraviolet rays in analytical chemistry. IV.  
Colorimetric determination of bismuth in the presence of  
large quantities of lead. I. A. Sholjakova (A. A. Zhdanov,  
State Univ., Leningrad). Zvez. Akad. Nauk. SSSR, 8, 273-8  
(1951). Cf. C.A. 45: 4751. In preliminary expts. it was

found that Bi in KBr soln. has a max. absorption at  $\lambda = 365$   
m $\mu$ , while Pb in KBr has only an insignificant absorption.  
KBr by itself adsorbs no light at this wave length. Further  
expts. showed that a KBr concn. of 0.4M suffices for Bi to  
attain max. adsorption while in the case of Pb, adsorption  
increases with the concn. of KBr. HCl content above 0.2N  
reduced the adsorption but this effect was counteracted by  
increasing the KBr concn. to 1-1.5M. By controlling the  
concn. of KBr and HCl 5-150  $\mu$ g of Bi in 25 ml. of soln. fol-  
lowed Beer's law. Thus, at  $\lambda = 365$  m $\mu$ , 0.025-0.1 mg. of  
Bi in 1M KBr was detd. in the presence of 1.20 mg. of Pb  
with an error of -0.001 to +0.005 mg. Cu, Fe, Zn, Cd, Hg,  
Sn, As, and Sb did not interfere even when present in ap-  
preciable quantities. M. Hoch

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STOLYAROVA, I.A.

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653410006-5"

STOLYAROVA, I.A.

Colorimetric determination of boron in silicates containing  
fluorine. Inform. sbor. VSEGEI no.4:135-137 '56. (MLR 10:4)  
(Colorimetry) (Boron) (Silicates)

ARTICLE	BRILLIGER, D. R.	327, 75-144, 1967
TITLE	System of Analytical Chemistry of the VIZI Methodology	
TYPE	General and Applied Chemistry	

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653410006-5"

SHCHELYAKOV, I.V.; STOLYAROVA, I. I.

Colorimetric method for the determination of rhenium and its preliminary separation by methyl ethyl ketone. Inform. sbor. VSEGOI MIRA 13:11) no.18:31-35 '59.  
(Rhenium--Analysis) (Ketones)

STOLYAROVA, I.A.; SMIRNOVA, I.B.

Determination of fluorine by the photocolorimetric method. Inform.  
sbor. VSEMI no.18:37-46 '59. (MIRA 13:11)  
(Fluorine--analysis)

STOYKOVA, T.A.; NIKOLAEVA, G.V.

Using ion exchange for the determination of boron in silicate rocks.  
(MIRA 13:11)  
Inform. shor. VSEOB no.18:54-57 '59.  
(Boron--analysis) (Rocks, Siliceous)

STOLYAROV, I.A.; POTOPOVA, S.V.

Determining lithium by the flame-photometry method. Inform.sbor.  
VSAOEI no.12:75-78 '59. (MIRA 13:11)  
(Lithium--analysis)

STUDYAROV, L. V.; AMMOSOVA, L. V.

Complexometric determination of calcium and magnesium in silicates.  
Inform. sbor. VSGU no.18:107-113 '59. (MIRA 13:11)  
(Calcium--analysis) (Magnesium--analysis) (Silicates)

STOLYAROVA, I.A.; SHUVALOVA, N.I.

Determining strontium by flame photometry. Inform.sbor.VSEGEI  
no.51:89-96 '61. (MIRA 15:8)  
(Strontium—Analysis) (Photometry)

STOLYAROVA, I.A.; SHUVALOVA, N.I.

Photocolorimetric determination of iron and aluminum. Inform.  
sbor. VSEGEI no. 51:97-102 '61. (MIRA 15:8)  
(Colorimetry) (Iron--Analysis) (Aluminum--Analysis)

KAMENTSEVA, L.G.; MOYZHES, I.B.; STOLYAROVA, I.A.; SHUVALOVA, N.I.

Complexionometric analysis of siliceous rocks. Inform.sbor.  
VSEGEI no.51:103-111 '61. (MFA 15:8)  
(Rocks, Siliceous--Analysis)

SHELLEN, V.I.[Schoeller, W.; deceased]; FOUELL,A.R.[Powell,A.R.];  
BELOPOL'SKIY, M.P.[translator]; NYKOVA, V.S.[translator];  
KNIPOVICH, Yu.N.[translator]; KRASIMOVA, V.M.[translator];  
POPOV, N.P.[translator]; STOLYAROVA, I.A.[translator]; YUSOVA,  
V.A.[translator]; ZAYKOVSKIY, F.V., retsenzent; SHCHEBOV, D.P.,  
retsenzent; NEVANOVA, G.F., red. izd-va; IVANOVA, A.G., tekhn.red.

[The analysis of minerals and ores of the rarer elements] Analiz  
 mineralov i rud redkikh elementov. Pod obshchei red. Iu.N.Knipo-  
 vich i N.P.Popova. Moskva, Gorg. olitokhizdat, 1962. 447 p.  
(MIRA 15:12)

(Mineralogy, Determinative) (Metals, Rare and minor)

BYKOVA, V.S.; KNIPOVICH, Yu.N.; STOLYAROV, I.A.

Analysis of basic silicate rocks of complex composition.  
Trudy VSEGEI 117:9-16 '64. (MIRA 17:9)

PAPOVICH, L.N.; STOLYAROV, I.A.

Photometric method for the determination of beryllium with preliminary extraction in the form of acetylacetone. Trudy VSEGEI 117:41-44 '64. (MIRA 17:?)

S-2

USSR/Human and Animal Morphology (Normal and Pathological). Nervous System. Peripheral Nervous System.

Abs Jour: Ref Zhur-Biol., No 16, 1954, 74305

Author: Erez, B. M., ~~Stolyarov, I. Ye.~~

Inst: Stalingrad Medical Institute.

Title: Changes of the Cardiac Nervous System in Connection with the Removal of the Semilunar Ganglion of the Solar Plexus in a Dog.

Orig Pub: Tr. Stalingradsk. med. in-ta, 1957, 25, 159-170

Abstract: Fragments from 8 different heart regions were studied 40-120 hours after surgery. It was determined that nerve fibers of right and left semilunar ganglia of the solar plexus participate in the innervation of the

Card : 1/3

L 57743-75 EWT(m)/EWP(j)/T Pg-4 RM  
ACCESSION NR: AP5016787

UR/0286/65/000/010/0120/0120  
629.11.012.52.3

17

3

AUTHOR: Latkin, B. M.; Stolyarova, L. A.

TITLE: Pneumatic tire for wheeled vehicles. Class 63, No. 171280

SOURCE: Ryulleten' izobreteniy i tovarnykh znakov, no. 10, 1965, 120

TOPIC TAGS: tire, tire stud

ABSTRACT: An Author Certificate has been issued for a pneumatic tire containing metal studs in its tread (see Fig. 1 of the Enclosure). This increases the tire's traction on wet and icy roads and decreases tread wear. The studs consist of rubberized metal cord rolled into spirals and are radially placed in the tread. Orig. art. has: 1 figure. [WH]

ASSOCIATION: none

SUBMITTED: 05May64

ENCL: 01

SUB CODE: MT

NO REF SOV: 000

OTHER: 000

ATD PRESS: 4040

Card 1/2

L 57748-65

ACCESSION NR: AP5016787

ENCLOSURE: 01

O

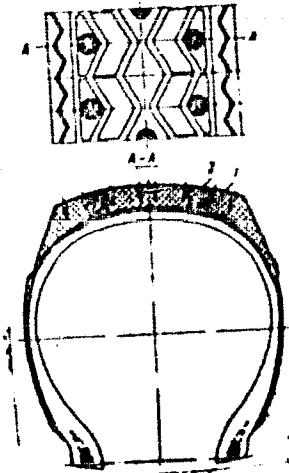


Fig. 1. Cross section of a tire with metal studs

1 - Tread; 2 - studs.

Clip  
Card 2/2

STOLYANOVA, L.B.; NIKITENKO, R.D.

Effect of intravenous administration of indicator doses of artificially radioactive iron and phosphorus on the composition of peripheral blood. *Medich. zhur.* 24 no. 5:42-47 '54. (MLRA 8:10)

1. Institut fisiologii in. O.O. Bogomol'tsya Akademii nauk URSR.

(BLOOD, effect of radiations on, radioiron & radiophosphorus)

(IRON, radioactive, eff. of blood)

(PHOSPHORUS, radioactive, eff. on blood)

СИЧАНОВ, И.П.; СИЧАНОВА, В.В.; ДАУГАНОВ, А.А.; БАЛЫКАЕВ, А.А.

Bread making without fermentation of intermediate products and  
dough prior to its dividing. Trudy TINNIKE. No. 1015-1. 1960.  
(1974. 1975.)

## THE 1970 CENSUS OF POPULATION AND HABITATION, U.S.A.

Method for solid bread making from wheat-type flours. Study 7881(2a) no. 30163-71-102. (WHA 1972)

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653410006-5"

~~SECRET//NOFORN~~

Clinical aspects and dynamics of arterial disorders in thrombosis of the internal carotid and middle cerebral arteries depending on the state of the collateral blood circulation. Zhur. nevr. i psich. (MTPA 19:1) 1964 no.12:1761-1766 '65.

I. Institute of neurology (director - prof. N.V. Konevsky) MFI USSR,  
Moscow. Submitted November 6, 1964.



STOLYAROVA, L.B.

Harada's disease neurouveitis. Zhur. nevr. i psich. 59 no.3:288-290  
'59. (MIRA 12:4)

1. Institut nevrologii (dir. - prof. N.V. Konovalov) AMN SSSR, Moskva.  
(ОУЗИС,  
Harada's dis. (Rus))

KNYAZEVA, O.R.; STOLYAROVA, L.G.

Two cases of myotonia atrophica. Zhur. nevr. i psich. 59 no.5:  
552-555 '59.  
(MIR 12-7)

1. Institut nevrologii (dir. - prof. N.V. Kononov) AMN SSSR,  
Moskva.

(MYOTONIA ATROPHICA, case reports,  
(this))

2, 372, 65, 655, 663, 6227024, 22  
BCC-B066

AUTHORS: Strelakovskiy, M. F., Prilepsinaya, Ye. N., Demchenko, A. V.  
and Stolyarova, L. G.

**TITLE:** Stereochemistry of Addition Reactions to the Triple Bond

PERIODICAL: Zhurnal obshchey khimii 1960, Vol. 30, No. 3.  
pp. 3143 - 3144

TEXT: There are no data available in publications on the stereochemistry of addition reactions of any reagents to the triple bonds of diacetylene<sup>1</sup> or vinyl acetylene systems, nor on the stereochemistry of the reactions of homolytic addition of thiols<sup>2</sup> to acetylenes. The authors indicate that the stereochemistry of reactions of diacetylene (I) with alkyl thiols (II) giving 1-alkyl-thiobuten-1-ines-3 (III) investigated previously by them, as well as of reactions of compounds (III) with (II) giving the 1,4-dialkyl-thiobutadienes-1,3 (IV), take place according to the scheme given here. The geometric structure (IV) follows from the sulfone structure (V) which was confirmed by means of

Card 1/2

Stereochemistry of Addition Reactions  
to the Triple BondS, 073/60/030/009/022/022/**xx**  
B001/B066

dipole moments, ultraviolet and infrared spectra as well as by quantitative isomerization of the cis-cis and cis-trans compounds (V) into the trans-trans compounds (V), under the action of iodine. Thus, the thiols add stereospecifically in nucleophilic reactions with the C=C bonds both in diacetylene and vinyl acetylene systems, according to the rule of "trans-addition" (Ref. 2). Under free radical conditions the reaction does not proceed quite stereoselectively, so that mixtures of cis-cis and trans-trans isomers (IV) are formed at low temperatures. The predominance of (IV) indicates a high specific gravity of the cis addition of the radicals. At elevated temperatures, isomerization to the trans-trans compound (IV) occurs. It was also found that the reaction of ethanethiol with ethyl-thio ethine (VII) (Ref. 3) proceeds stereospecifically both under free radical and ionic conditions and obeys the rule of "trans-addition", since (VII-cis) is the main product yielding the sulfone (VIII-cis). Under free radical conditions, thiols may react with various acetylene compounds stereospecifically in different ways. This is always due to the stability of one of the geometrical forms of the radical  $\text{RCH}_2\text{CH}_2\text{S}^\bullet$  which appears

Card 2/5

Stereosechemistry of Addition Reactions  
to the Triple Bond

5,373/60/030/009/022/022/XX  
B001/B066

as an intermediate. An analogous phenomenon of homolytic addition reactions of bromine and hydrogen bromide to acetylene was described in Ref. 4. There are 4 references: 2 Soviet, 2 US, and 1 Italian.

ASSOCIATION: Institut organicheskoy khimii Akademii nauk SSSR  
(Institute of Organic Chemistry of the Academy of Sciences USSR)

SUBMITTED: May 30, 1960

Card 5/5

STOLYAROVA, L. G.

Use of new curarelike preparations in increasing muscular tonus.  
Nauch. trudy Inst. nevr. AII SSSR no.1:351-356 '60.  
(MIRA 15:7)

1. Institut nevrologii AMN SSSR.

(CURARELIKE SUBSTANCES) (MUSCLES)  
(PARALYSIS)

STOLYAROVA, L.G.

Use of native curariform preparations in spastic paresis in  
the restorative period following an attack. Nauch. inform.  
Otd. nauch. med. inform. AMN SSSR no. 1862-63 '61. (MIRA 16:11)

1. Institut nevrologii (direktor - deyствител'nyy chlen AMN  
SSSR prof. N.V. Konovalov) AMN SSSR, Moskva.

\*

SHORYGIN, P.P.; SHOSTAKOVSKIY, M.F.; FRILEZHAYEVA, Ye.N.; SHURINA, T.I.;  
SIOLYAROVA, L.G.; GINICH, A.P.

Structure and spectra of vinyl sulfides. Izv. AN SSSR. Otd.khim.nauk  
no.9:1571-1577 S '61. (MIRA 14:9)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.  
(Vinyl sulfide--Spectra)

STOLYAROVA, L.G.

Joint session of the Institute of Neurology of the Soviet Academy  
of Medicine and the Kiev Medical Institute, devoted to vascular  
and infectious diseases of the nervous system. Vest. AMN SSSR  
16 no.1:75-79 '61. (MIRA 14:3)  
(NERVOUS SYSTEM--DISEASES)

STOLYAROVA, L.G.

Treatment of parkinsonism with new pharmacological preparations.  
Sov. med. 25 no.5:107-114 My '61. (MIRA 14:6)

1. Iz Instituta nevrologii AMN SSSR (dir. - deystvitel'nyy chlen  
AMN SSSR prof. N.V.Konovalov).  
(PARALYSIS)

STOLYAPOVA, L.G.

Use of Soviet curarelike preparations in spastic paresis during the recovery period after the insultus. Zhur.nevr.i psikh. 61 no.10: 1463-1468 '61. (MIRA 15:11)

1. Institut nevrologii (dir. - prof. N.V.Konovalov) AMN SSSR,  
Moskva.  
(CURARELIKE SUBSTANCES) (PARALYSIS, SPASTIC) (APOPLEXY)

STOLYAROVA, L.G.

Some characteristics of aphasic disturbances in thromboses  
and stenosis of the internal carotid and middle cerebral  
arteries. Zhur. nevr. i psikh. 64 no.2:225-231 '64.

(MIRA 17:5)

1. Institut nevrologii (direktor - prof. N.V. Konovalov)  
AMN SSSR, Moskva.

SHORYGIN, P.P.; PETUKHOV, V.A.; STOLYAROV, L.G.

Mutual influence of atomic groups in the molecules  
containing heavy atoms and  $\pi$ -bond systems. Dokl. AN  
SSSR 154 no.2:441-444 Ja'64. (MIRA 17:2)

1. Institut organicheskoy khimii im. N.D. Zelinskogo AN  
SSSR. Predstavлено академиком A.A. Balandinem.

AMIRYANOVA, L.D. DR. MED. SC., M.D.

Disorders of the body image. Sov. med. J. no.3 (7)-103 Mr '64.

(MERA 17:11)

1. Institut neurologii (dr. - deyatatel'nyy senen AMN SSSR, Laureat Lenin'skoy premii prof. N.V. Konevskoy AMN SSSR. Moscow.

L 41695-65 EWF(m)/EPF(c)/EPR/EWP(j)/EWA(c) Pg-4/Pr-4/Ps-4 RPL WW/RM  
ACCESSION NR: AP5008909 S/0076/65/039/003/0605/0612

32

31  
B

AUTHOR: Shorygin, P. P.; Roshchupkin, V. P.; Stolyarova, L. G.

TITLE: Effect of substituents on systems of Pi bonds via a methylene bridge

SOURCE: Zhurnal fizicheskoy khimii, v. 39, no. 3, 1965, 605-612

TOPIC TAGS: methylene bridge, Pi bond, ultraviolet absorption spectrum nitrile,

ABSTRACT: The spectroscopic parameters of molecules of the type  $X-CH_2C\equiv N$ ,  $X-CH_2-CH_2-C\equiv N$  and  $X-\text{C}\equiv N-C\equiv N$  were compared in order to establish the similarities and differences in the influence of substituents (X) transmitted through different types of bridges between the groups X and CN. In addition, molecules with methylene bridges were compared:  $X-CH_2-C\equiv N$ ,  $X-CH_2-CH=C=CH_2$ ,  $X-CH_2-CO-R$  (general formula  $X-CH_2-\text{R}$ ) and also certain compounds of the type  $X-CH_2-Ph$ . In the  $X-CH_2-\text{R}$  molecules, atom Z (the atom of group X directly adjacent to the methylene bridge) either (1) is not a heavy atom or does not have low electronegativity; (2) has low electronegativity; or (3) is a heavy atom. The influence of each type of substituent in each type of molecule is discussed on this basis in terms of the electron-donor and electron-acceptor capacity of the various groups. Orig. art. has: 3 tables and 2 figures.

Card 1/2

L 41695-65

ACCESSION NR: AP5008909

ASSOCIATION: Institut organicheskoy khimii, Akademiya nauk SSSR (Institute of  
Organic chemistry, academy of sciences of the SSSR)

SUBMITTED: 02Aug63

ENCL: 00

SUB CODE: OC ,GC

NO REF Sov: 007

OTHER: 003

Card 2/2 CW

SEVYEVIN, B.P., MUSCATYKIN, V.P., STOLYAROVA, I.G.

Effect of substituents on the systems of  $\pi$ -bonds through a methylene bridge. Zhur. fiz. khim. 39 no. 3:605-612 Mr '65. (MIRA 18:?)

1. Institut organicheskoy khimii AN SSSR.

L 2622-66 EMP(e)/EPA(s)-2/ETT(m)/ETP(c)/EMP(l)/EMP(d)/EPA(w)-2/EMP(j)/EMP(t)/  
ACCESSION NR: AP5011365 EMP(z)/EMP(b)/ETC(m) IJP(c) MJW/JD/AM/WH  
UR/0365/65/001/002/0207/0214

620.197.2  
621.794.6

66  
65  
62

AUTHOR: Timonova, M. A.; Stolyarova, L. N.

TITLE: Development and investigation of a chemical method of preparation of  
thermally stable inorganic coatings on magnesium alloys

SOURCE: Zashchita metallov, v. 1, no. 2, 1965, 207-214

TOPIC TAGS: magnesium alloy, barium alloy, high temperature coating, protective  
coating

ABSTRACT: A chemical method of preparation of thermally stable protective coatings on magnesium-barium alloys was investigated. The VM-2-1, ML-5-1, ML-11-1, ML-12-1, MA-8-1, and VM-65-1 alloys were parkerized for 10-30 min at 90-98°C and a pH of 1.3-1.4 using a solution composed of:  $Ba(H_2PO_4)_2$ -40-70 g/l,  $NaF$ -1.0-2.0 g/l,  $H_3PO_4$ -3.0-6.0 ml/l. In all cases a satisfactory coating adhesion to the alloy base was found. The coating quality was not reduced after holding at 350°C for 100 hours. The coating was a mixture of phosphates and fluorides, with a ratio depending upon the alloy composition. The thermal stability of the coating increased

Card 1/3

L 2622-66

ACCESSION NR: AP5011365

with increasing barium content. The effect of parkerizing duration on the thickness of the protective coating on casting magnesium alloys is shown in fig. 1 of the Enclosure. Adhesion of a paint-and-varnish coating to the parkerized alloy was very good with all but VML-2 (casting) and ML-11. All of the paint-and-varnish covered phosphate coatings have a good impact resistance. Orig. art. has: 4 tables, 5 figures.

ASSOCIATION: none

SUBMITTED: 300ct64

ENCL: 01

SUB.CODE: MM

NO REF Sov: 006

OTHER: 000

Card 2/3

L 2622-66

ACCESSION NR: AP5011365

ENCLOSURE: 01

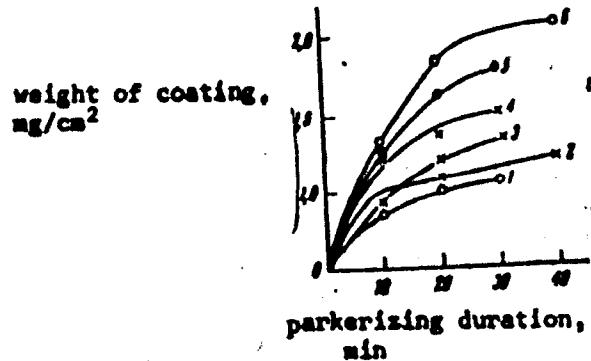


Fig. 1. 1--ML-5 (thermally worked according to T-4 procedure); 2--ML-11 (casting); 3--VML-2 (casting); 4--ML-11 (thermally worked); 5--VML-2 (thermally worked); 6--ML-12 (thermally worked).

Card 3/3 SP

STOLYAROVA, M.K.

Scleroma of the upper lip. Vest. oto-rin. 16 no.6:72 N-D '54.  
(MLRA 8:1)

1. Iz kliniki bolezney ukha, gorla i nosa (dir.-zasluzhennyj  
deyatel' nauki prof. S.V.Mikhaylovskiy) L'vovskogo meditsinskogo  
instituta

(LIPS, diseases  
scleroma of upper lip)

presenting, May 2, 1940, and on 21-22-40 "the history of the  
of the 1st Air Service Battalion, 1st Division, in its 100th  
anniversary." (Izhevsk, 1940, Izhevsk, 1940, Izhevsk, 1940, Izhevsk, 1940)

- 120 -

STOLIAROVA, M.K., kand.med.nauki; KALISH, S.A.

Eosinophilic granuloma of the temporal bone. Zhur. ush., nos. 1 gorl. bol. 23 no.4:76-78 J1-Ag'63. (MIRA 16:10)

1. Iz kafedry bolezney ucha, gorla i nosa (zav. - zasluzhennyy deyatel' nauki Bashkirskej ASSR prof. S.V. Mikhaylovskiy) L'vovskogo meditsinskogo instituta.  
(EOSINOPHILIC GRANULOMA) (TEMPORAL BONE—TUMORS)

STOLYAROVA, N.V., referent, otv. za vypusk

[Finishing work in completely precast construction]"Otde-  
lochnye raboty v polnosbornom stroitel'stve"; materialy seminara.  
Moskva, No.2. 1962. 53 p. (MIRA 16:3)

1. Moskovskiy dom nauchno-tehnicheskoy propagandy imeni F.E.  
Dzerzhinskogo.

(Finishes and finishing)

BERNDT, N.V.; STOLYAROVA, T.A., kand. ekon. nauk

Potentialities for lowering passenger transportation cost.  
Zhel. dor. transp. 41 no.10:20-22 O '59. (MIRA 13:2)

1. Nachal'nik planovo-ekonomiceskogo otdela Oktyabr'skoy dorogi (for  
Berndt).

(Railroads--Passenger traffic)

L 25363-65 EXT(m)/EPF(c)/EPR/EMF(j)/EMF(t)/EMF(b) PC-L/PR-L/PS-L/P1-L IJP(c)/  
ACCESSION NR: AP4046737RFL RTW/JD/WH S/0054/64/000/003/0150/0153  
JW/RM

AUTHOR: Morozova, M. P.; Stolyarova, T. A.

38  
B

TITLE: Formation enthalpies of manganese selenide and telluride

27 27 27

SOURCE: Leningrad. Universitet. Vestnik. Seriya fiziki i khimii, no. 3, 1964,  
150-153

TOPIC TAGS: formation enthalpy, manganese selenide, manganese telluride,  
secondary periodicity rule

ABSTRACT: The authors measured the formation enthalpies of MnSe and MnTe. The parameters of the crystal lattices are in good agreement with the published data. The values for MnSe  $\Delta H_{298}^0$  is  $-(37.7 \pm 0.4)$  kcal/mole and for MnTe  $\Delta H_{298}^0$  is  $-(26.3 \pm 1.3)$  kcal/mole. The formation enthalpies change monotonously with the ordinal number, and do not obey the rule of secondary periodicity which characterizes the components of other metals with oxygen and their analogues. Orig. art. has: 1 figure and 2 tables

Card 1/2

L 25263-65  
ACCESSION NR: AP4046737

ASSOCIATION: None

SUBMITTED: 10Apr84

ENCL: 00

SUB CODE: GC, SS

NR REF SOV: 002

OTHER: 010

Card 2/2

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653410006-5

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653410006-5"

Kroes, B. P., and Stolyarov, T. I. *Soviet and  
West German requirements: barriers to Kursk  
aggression*. Chelyabinsk: pressur, 1980. 168 p.  
Bul. of the U.S.S.R. Acad. Sci., No. 8, 1979 (English  
summary, 201 p. 1982). The greater part of the document is in  
Russian.

5/26/86 10:26/026/026  
PC01, 8056

AUTHORS: Morozova, M. P. and Stolyarova, T. A.

TITLE: On the Heat of Formation of Niobium Pentoxide

PERIODICAL: Zhurnal obshchey khimii, 1960, Vol. 30, No. 11, pp. 3848-3849

TEXT: The following values for the heat of formation of niobium pentoxide were formerly suggested:  $463.2 \pm 4$  kcal/mole (G. Becker, W. A. Roth, Ref. 1) and 455.2 kcal/mole (G. L. Humphrey, Ref. 2). M. P. Morozova and L. L. Getskina (Ref. 3) determined the heat of formation at  $472.6 \pm 1.0$  kcal/mole. The heat of formation of niobium dioxide is given in the same work as  $37.0 \pm 0.4$  kcal/mole, which is in good agreement with the value found by A. D. Mah (Ref. 4), i.e.  $36.67 \pm 0.10$  kcal/mole. This circumstance, and the fact that the values of the heats of formation of titanium (Ref. 5) and its oxides, found by the same procedure as was applied for niobium (Ref. 3), were in agreement with the values found by Humphrey (Ref. 6), convinced the authors that the difference between the value found by M. P. Morozova and L. L. Getskina (Ref. 3), and those found by

Card 1/2

С. Н. ОТАННА, Н.С.; Н.ДЕРЖИНА, Н.А.; СТОЛЯРОВА, Т.И.

New sections with Moscow-Valday (Mikulino) interglacial sediments  
on the Bol'shaya Dubenka River near Sosnovka, Kalinin Province.  
Izv. AN SSSR. Ser. geog. no.1:124-127 Ja-7 '61. (MIRA 14:2)

1. Institut geografii AN SSSR 1. Geologicheskoye upravleniye Tsentral'-  
nykh rayonov.  
(Dubenka Valley—Geology, Stratigraphic)  
, (Moraines)

CHERETAREVA, N.S.; NEDOZHIVINA, M.A.; SIVLYAKOVA, T.I.

Moscow-Vald<sup>ay</sup> (Mikulino) interglacial sediments in the upper Volga  
Basin and their significance for paleogeography. Trudy kom. chetv.-  
per. no.26:35-49 '61. (MIRA 15:3)

(Volga Valley--Glacial epoch)  
(Volga Valley--Paleogeography)

SHCHUKAREV, S.A.; MOROZOVA, M.P.; STOLYAROVA, T.A.

Enthalpy of the formation of compounds of manganese with the elements of the main sub-group of group V. Zhur.ob.khim. 31 no.6:1773-1777 Je '61. (MIRA 14:6)

1. Leningradskiy gosudarstvennyy universitet imeni A.A.Zhdanova.  
(Manganese compounds) (Enthalpy)

KUPRIYANOVA, I.I.; SIDORIKO, G.A.; STOLYAROVA, T.I.

A mineral of the britholite-melanocerite group. Zap. Vses. (MIRA 15:11)  
min. ob-va 91 no. 5:573-581 (...)  
(Siberia--Britholite) (Siberia--Cerite)

KUPRIYANOVA, I. I.; STOLYAROVA, T. I.; SIDORENKO, G. A.

Thorosteenstrupine, a new thorium silicate. Zap. Vses. min.  
(MIRA 15:10)  
ob-va 91 no. 3:325-330 '62.

(Thorium silicates) (Steenstrupine)

GAYDUKOVA, V.S.; POLUPKOVA, . . I.; STOLYAROVA, T.I.

Hatchettelite from carbonatites of Siberia. Min.syr'e no.7:86-95  
'63. (MIN 16:9)  
(Siberia—Hatchettelite—Analysis)  
(Siberia—Carbonatites)

SKOPINOVVA, N.V., FONIN, N.Ye., SHORINOV, I.A., STOLYAROVA, T.I.

Thulite from albites of Eastern Siberia. Dokl. AN SSSR 195  
no.1:100-103 Mr '64. (MIRA 17:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo  
syr'ya. Predstavлено akademikom D.I.Sherbakovym.

USSR/Cultivated Plants - Potatoes. Vegetables. Melons.

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Abs Jour : Ref Zhur - Biol., No 7, 1958, 29769

Author : Taranets, M.P., Khromov, V.F., Stolyarova, T.M.

Inst : -

Title : An Experiment to Improve the Quality of Seed Potatoes

Orig Pub : Kartofel', 1957, No 2, 51-52.

Abstract : The experiment is described which was made at the Sovkhoz im. Komintern (in Penzenskaya Oblast') in 1952 to improve the quality of seed potatoes by its cultivation from select tubers on bottom-land plots. On a field patch where one planted unselected material the yield amounted to 75 centners per ha., whereas on bottom land where tuber selection was applied it came to 170 centners per ha. There was 58% tubers with degeneration symptoms in the first case and only 6% in the second.

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STOLYAROVA, T.N.; SHUR'YAN, O.S.

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(SURGERY--ABSTRACTS)

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SEPPREKIPVA, T.V.; STOIYAROVA, I.Yu.; LARINA, G.N.

Preparation and properties of carboxyalkylene derivatives of  
citraconimide. Izv. AN SSSR. Otd.khim.nauk no.9:1680-1685 S '61.  
(MIRA 14:9)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.  
(Maleimide)